



SNS-009B (7268/15)

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Name of Applicant: Jennings et al.

Intf. or Serial Number: 10/017,148

Atty: JB Milstein

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Name of Applicant: Jennings et al

Intf. or Serial Number: 10/017,148

Atty: JB Milstein

Date: February 14, 2002







**PATENT** Attorney Docket No. SNS-009B

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Jennings et al.

SERIAL NO.:

10/017,148

**GROUP NO.:** 

2617

FILING DATE:

December 14, 2001

**EXAMINER:** 

Not Yet Assigned

TITLE:

Systems and Methods for Three-Dimensional

# CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 14th day of February, 2002.

Sharon Shaw

Commissioner for Patents Washington, D.C. 20231

Sir:

## Submitted herewith is/are:

- 1. Transmittal Form (1 page);
- 2. Formal Drawings Transmittal (1 page);
- 3. Formal Drawings (10 sheets); and
- 4. A return-receipt postcard.

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□ F	ee Transmittal Form		Copy of Notice t			Notice of Appeal to Board of Patent Appeals and Interferences
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Dire	Testa, Hu High Stro 125 High Boston, I Tel. No.:	urwitz & Tl eet Tower	hibeault, LLP	Date: February 14; Reg. No. 42,897 Tel. No.: (617) 248 Fax No.: (617) 248	3-7695	oseph B. Milstein Atty/Agent for Applicant(s) Testa, Hurwitz & Thibeault, LLP High Street Tower
			:			125 High Street Boston, MA 02110



Attorney Docket No. SNS-009B

## TED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Jennings et al.

BATCH NO.:

Not Yet

Assigned

SERIAL NO .:

10/017,148

**GROUP NO.:** 

2671

FILING DATE:

December 14, 2001

**EXAMINER:** 

Not Yet

Assigned

TITLE:

Systems and Methods for Three-Dimensional Modeling

Commissioner for Patents Washington, D.C. 20231

## TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Attached please find:

(a) the formal drawing(s) for this application - Number of Sheets - 10.

Date: February 14, 2002

Reg. No. 42,897

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Boston, Massachusetts 02110

Atty/Agent for Applicant(s) Testa, Hurwitz, & Thibeault, LLP

Respectfully submitted,

seph B. Milstein

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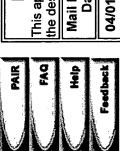


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		03	Non-Final Rejection	PROSECUTION	<b>∞</b>	



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04/28/2003	Information Disclosure Statement (IDS) Filed	PROSECUTION	4	
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02/26/2002	Drawings	PROSECUTION	10	
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12/14/2001	Application Data Sheet	PROSECUTION	2	
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12/14/2001	Fee Worksheet (PTO-875)	PROSECUTION	-	
12/14/2001	Bibliographic Data Sheet	PROSECUTION	-	
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12/14/2001         Search information including classification, examiner, databases and other search related notes         PROSECUTION         1           12/14/2001         Issue Information including classification, examiner, name, claim, renumbering, etc.         PROSECUTION         1           12/14/2001         Miscellaneous Incoming Letter         AS FILED         4           12/14/2001         Oath or Declaration filed         AS FILED         4           12/14/2001         Drawings         AS FILED         10           12/14/2001         Abstract         AS FILED         8           12/14/2001         Specification         AS FILED         2           12/14/2001         Application Data Sheet         AS FILED         2           12/14/2001         Transmittal letter         AS FILED         2	12/14/2001	12/14/2001 Index of Claims	PROSECUTION	1	
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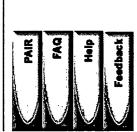


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# PATENT APPLICATION INFORMATION RETRIEVAL





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Search results as of: 5-27-2005::14:7:44 E.T.

	Search results fo	or application nu	Search results for application number:10/017,148
Application Number:	10/017,148	Customer Number: 21323	21323
Filing or 371(c) Date:	12-14-2001	Status:	Status:   Allowed - Notice of Allowance Mailed -   Issue Revision Completed
Application Type:	Utility	Status Date: 04-01-2005	04-01-2005
Examiner Name:	INGUYEN, KIMBINH T	Location:	Location: ELECTRONIC
Group Art Unit:	: 2671	Location Date:	_
Confirmation Number:	9301	Earliest Publication No:	US 2002-0089500 A1
Attorney Docket Number:	SNS-009B	Earliest Publication Date:	07-11-2002
Class/ Sub-Class:	: 345/420	Patent Number:	_
First Named Inventor:	First Named Ralph Jennings, Stow, Inventor: MA (US)	Issue Date of Patent:	•
Title Of Invention:	SYSTEMS AND METHODS FOR THREE-DIMENSIONAL MODELING	DS FOR THREE-DIM	ENSIONAL MODELING



Assignments
Continuity Data
Display References
Image File Wrapper
Patent Term Adjustment History
Publication Review

Select Search Option



File History	Contents Description	
	Date	

05-04-2005	Workflow - File Sent to Contractor
04-01-2005	Mail Notice of Allowance
04-01-2005	Mail Formal Drawings Required
03-31-2005	Formal Drawings Required
03-31-2005	Notice of Allowance Data Verification Completed
03-31-2005	Notice of Allowability
02-10-2005	Date Forwarded to Examiner
02-10-2005	Date Forwarded to Examiner
02-02-2005	Request for Continued Examination (RCE)
02-10-2005	DISPOSAL FOR A RCE/CPA/129 (express abandonment if CPA)
02-02-2005	Request for Extension of Time - Granted
02-02-2005	Workflow incoming amendment IFW
02-02-2005	Workflow - Request for RCE - Begin
01-13-2005	Mail Examiner Interview Summary (PTOL - 413)
01-13-2005	Mail Advisory Action (PTOL - 303)
01-10-2005	Advisory Action (PTOL-303)
09-14-2004	Examiner Interview Summary Record (PTOL - 413)
12-30-2004	IFW TSS Processing by Tech Center Complete
12-30-2004	Date Forwarded to Examiner
09-17-2004	Amendment after Final Rejection
01-26-2004	Reference capture on IDS
09-26-2003	Reference capture on IDS
03-25-2002	Reference capture on IDS
12-14-2001	Oath or Declaration Filed (Including Supplemental)
09-17-2004	Workflow incoming amendment IFW
09-17-2004	Workflow incoming amendment IFW
08-04-2004	Mail Final Rejection (PTOL - 326)
08-02-2004	Final Rejection
05-26-2004	Date Forwarded to Examiner
05-17-2004	Response after Non-Final Action
05-17-2004	Request for Extension of Time - Granted
05-17-2004	Request for Extension of Time - Granted
05-17-2004	Workflow incoming amendment IFW
01-26-2004	Information Disclosure Statement (IDS) Filed
12-17-2003	Mail Non-Final Rejection
12-15-2003	Non-Final Rejection
04-28-2003	Information Disclosure Statement (IDS) Filed
09-26-2003	Information Disclosure Statement (IDS) Filed
09-08-2003	Case Docketed to Examiner in GAU

02-26-2002	New or Additional Drawing Filed
03-25-2002	Information Disclosure Statement (IDS) Filed
03-25-2002	Information Disclosure Statement (IDS) Filed
03-14-2002	Case Docketed to Examiner in GAU
01-30-2002	Application Dispatched from OIPE
01-28-2002	Application Is Now Complete
01-02-2002	IFW Scan & PACR Auto Security Review
12-14-2001	Initial Exam Team nn

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**PATENT** 

Atty. Docket No. SNS-009B (081028/158550)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Jennings et al.

CONF. NO.:

9301

SERIAL NUMBER: 10/017,148

ART UNIT:

2671

FILING DATE:

December 14, 2001

EXAMINER: Nguyen, Kimbinh T.

TITLE:

Systems and Methods for Three-Dimensional Modeling

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### COMMENT REGARDING FORMAL DRAWINGS

Applicants note that the File History as accessed via PAIR for the above-mentioned application includes an entry dated April 1, 2005, stating, "Mail Formal Drawings Required."

Applicants did not receive a corresponding mailing from the United States Patent and Trademark Office. Applicants also note that no corresponding electronic version of a notice appears in the "Image File Wrapper for Application No.: 10/017,148" on the PAIR website.

Applicants believe no new formal drawings are required for the above-mentioned application. Formal drawings were filed with the United States Patent and Trademark Office on February 14, 2002, and were recorded with the Patent Office on February 26, 2002, as noted in both the File History and Image File Wrapper on PAIR. Copies of the appropriate pages from PAIR are enclosed. Copies of the formal drawings filed on February 14, 2002, are also enclosed.

Applicants also note that the Notice of Allowability sent by the Patent Office on April 1, 2005, states "The drawings filed on 14 December 2001 are accepted by the Examiner." Applicants contend this refers to the informal drawings submitted with the initial application filed on December 14, 2001. A copy of the Notice of Allowability is enclosed. Applicants

Comment Regarding Formal Drawings Serial No. 10/017,148

believe the Notice of Allowability should refer to the Applicants Formal Drawings, as filed with the Patent Office on February 14, 2002.

Applicants respectfully thank Examiner for the telephonic discussion on May 26, 2005, regarding the formal drawings, where Examiner acknowledged that formal drawings for the above-mentioned application had been received and accepted by the Patent Office on February 14, 2002.

Applicants believe they have satisfied all requirements regarding the drawings. If further documentation is required, please feel free to contact Applicant's undersigned representative at the number listed below.

Respectfully submitted,

Date: June 24, 2005 Reg. No. 53,002

Tel. No.: (617) 570-1013 Fax No.: (617) 523-1231 William R. Haulbrook, Ph.D. Attorney for the Applicants Goodwin Procter LLP

Exchange Place

Boston, Massachusetts 02109 Goodwin Customer No. 051414

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01.64	Application No.	Applicant(s)			
· ·	10/017,148	JENNINGS ET AL.			
Notice of Allowability JUN 2 4 2005	Examiner	Art Unit			
A Part of the second of the se	Kimbinh T. Nguyen	2671			
The MAN INC DATE of this communication and	are an the cover shoot with the	porrocandones address			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.					
1. A This communication is responsive to amendment filed 02/0.	<u>2/05</u> .	•			
2. The allowed claim(s) is/are <u>1-12,14-39 and 41-56</u> .					
3. $\square$ The drawings filed on <u>14 December 2001</u> are accepted by t	he Examiner.				
<ul> <li>4.  Acknowledgment is made of a claim for foreign priority und</li> <li>a) All b) Some* c) None of the:</li> <li>1. Certified copies of the priority documents have</li> <li>2. Certified copies of the priority documents have</li> </ul>	been received.				
3. Copies of the certified copies of the priority doc					
International Bureau (PCT Rule 17.2(a)).					
* Certified copies not received:	•				
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.					
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.					
6. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.					
(a) 🔲 including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached					
1) hereto or 2) to Paper No./Mail Date					
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date					
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).					
7. DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F					
Attachmont(s)					
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of Informal F	Patent Application (PTO-152)			
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),			
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08	Paper No./Mail Da 3), 7. Examiner's Amend	te ment/Comment			
Paper No./Mail Date 4.  Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme	ent of Reasons for Allowance			
of Biological Material	9.				
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Title: Systems and Methods for Inree-Dimensional Modeling
Inventor(s): Jennings et al.
Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897







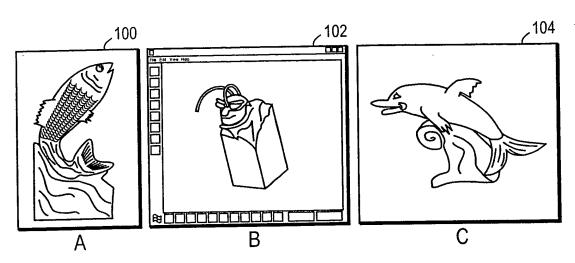


FIG. 1

Title: Systems and Methods for Three-Dimensional Modeling
Inventor(s): Jennings et al.
Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897





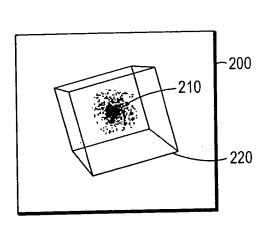


FIG. 2A

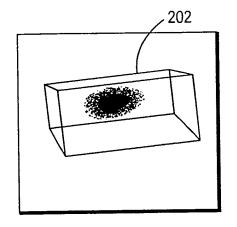


FIG. 2B

Title: Systems and Methods for Three-Dimensional Modeling Inventor(s): Jennings et al.

Inventor(s): Jennings et al. Serial No. 10/017,148 Atty Docket No. SNS-009B

Atty/Agent: Joseph B. Milstein, Reg. No. 42,897





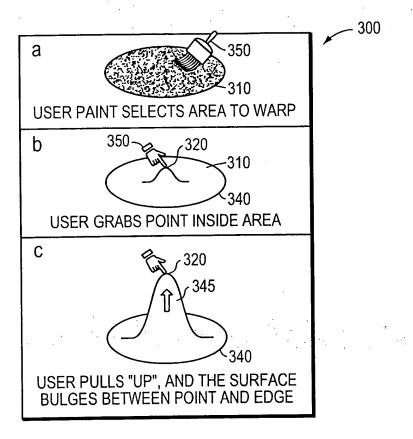


FIG. 3



Title: Systems and Methods for Three-Dimensional Modeling
Inventor(s): Jennings et al.
Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897

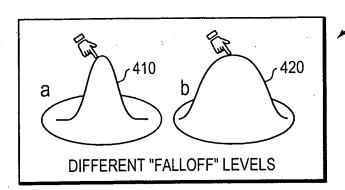


FIG. 4

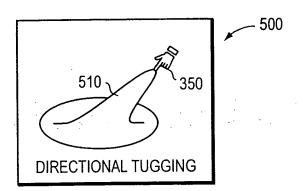


FIG. 5

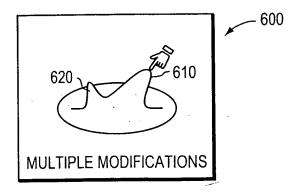


FIG. 6

Title: Systems and Methods for Three-Dimensional Modeling Inventor(s): Jennings et al. Serial No. 10/017,148 Atty Docket No. SNS-009B

Atty/Agent: Joseph B. Milstein, Reg. No. 42,897

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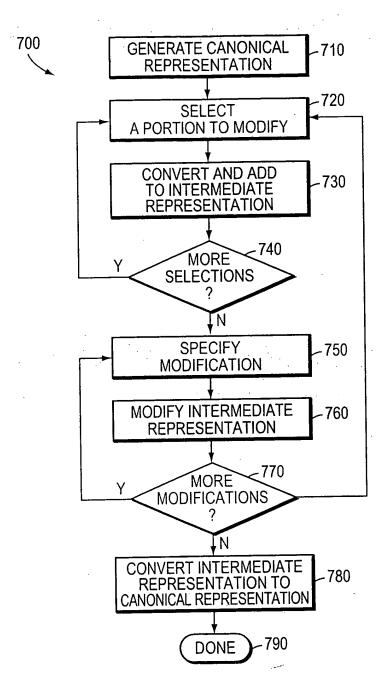


FIG. 7A

Title: Systems and Methods for Three-Dimensional Modeling Inventor(s): Jennings et al. Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897

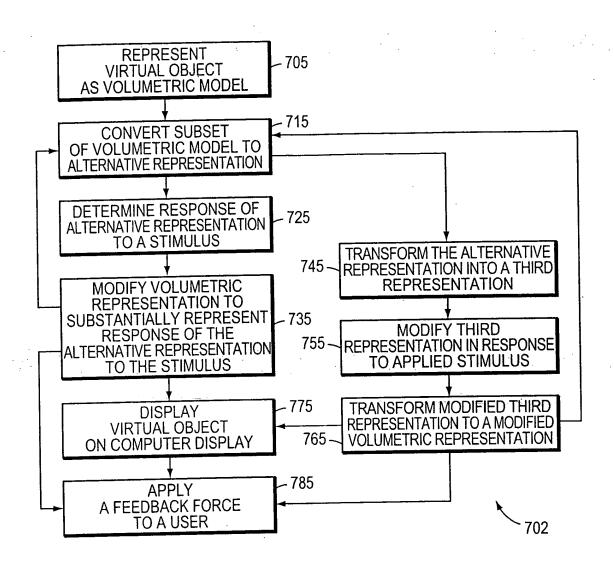


FIG. 7B

Title: Systems and Methods for InreeDimensional Modeling
Inventor(s): Jennings et al.
Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897

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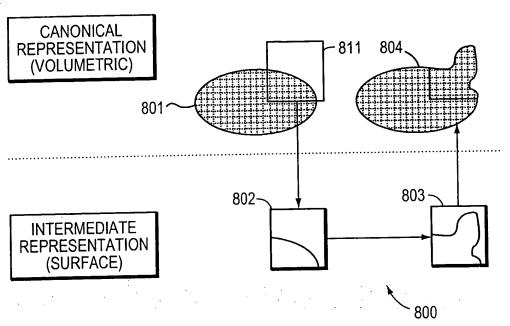


FIG. 8

4

Title: Systems and Methods for Three-Dimensional Modeling
Inventor(s): Jennings et al.
Serial No. 10/017,148
Atty Docket No. SNS-009B
Atty/Agent: Joseph B. Milstein, Reg. No. 42,897

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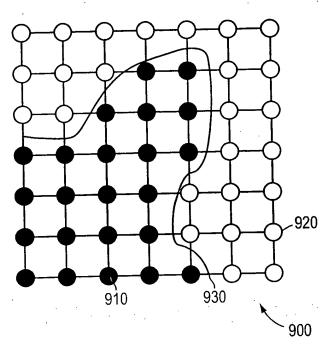


FIG. 9

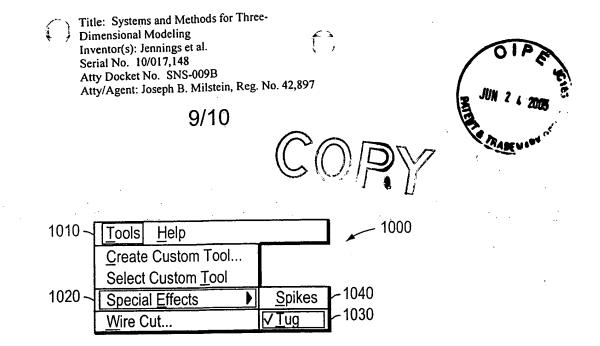


FIG. 10

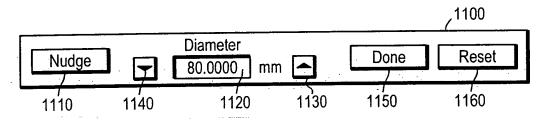


FIG. 11

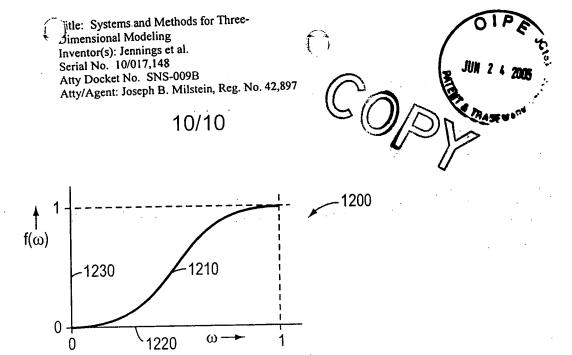


FIG. 12

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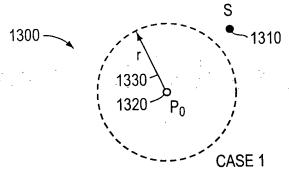


FIG. 13A

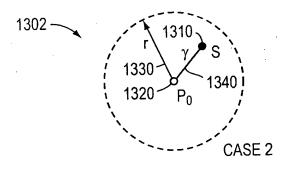


FIG. 13B